# Theories and Practices in Toxicology and Risk Assessment

### April 15-18, 2002

Cincinnati Marriott North 6189 Mulhauser Road Cincinnati, OH 45069

An interagency conference sponsored by Tri-Service (Air Force, Army, Navy) Toxicology; the U.S. EPA, Office of Research and Development, National Center for Environmental Assessment; Agency for Toxic Substances and Disease Registry, the Division of Toxicology; the National Institute of Environmental Health Sciences; and the Food and Drug Administration. The conference is held with the cooperation of the National Research Council/National Academy of Sciences and the National Institute for Occupational Safety and Health.

#### **Session Topics**

Risk Assessment: Current Advances and Future Challenges

Indirect Pathways of Exposure

Military Perspectives and Integrated Approaches

Recent Advances in Ecological Risk Assessment: Including Spatial Considerations

Low-Level Chemical Exposure: Lessons Learned from the World Trade Center and Pentagon Experiences

Genomics/Proteomics/ Metabolomics

Inhalation and Aerosol Exposure

Risk Communication

Modeling: Better Living Through Silicon

Risk Reduction

### **Workshop Topics**

Let's Optimize Your Non-Verbal Communication in Challenging Situations

U.S. EPA's Guidelines for Ecological Risk Assessment

**Bioinformatics** 

Methods and Guidance for Health Risk Assessment of Chemical Mixtures

Overview of the Development of Age-Specific Physiologicallybased Pharmacokinetic (PBPK) Models for Application in Health Risk Assessment

Dermal Risk Assessment - Practice and Controversy

Overview of EPA Benchmark Dose Methods and Introduction to Benchmark Dose Software (BMDS)

Risk Communication During a Crisis

### **Keynote Address: "Environmental Risk Assessment: Past, Current, Future"**

Elizabeth Anderson, Ph.D. Sciences International, Inc.

The conference will feature invited presentations by noted individuals in their fields, contributions and poster presentations relevant to the conference theme will be accepted. *Poster Abstract must be received by 15 March 2001*. Electronic submission required. For further information on how to submit an abstract contact: John.OLear@wpafb.af.mil or the conference coordinator.

## For a detailed description of the sessions and workshops, click on the Conference Agenda link below.

Cincinnati Marriott North Reservations \$69.00/night (government employees only), \$99.00/night (non-government employees). Cut off date for reservations at these rates is 25 March 2001. Request group rate for Toxicology Conference.

Phone: 513-874-7335

### Conference information and registration:

Ms. Tara Grove Conference Coordinator ManTech Environmental Toxicology, Inc. P.O. Box 31009

Dayton, OH 45437-0009 Phone: 937-355-5150, Ext. 3146

FAX: 937-258-2197

E-mail: tara.grove@wpafb.af.mil

### Conference Co-Chairs Debdas Mukeriee. Ph.D.

U.S. EPA, Office of Research and Development, National Center for Environmental Assessment Cincinnati

### David R. Mattie, Ph.D., D.A.B.T.

Operational Toxicology Branch, Air Force Research Laboratory, Wright-Patterson Air Force Base

### EPA Coordinator Patricia A. Daunt

U.S. EPA, Office of Research and Development, National Center for Environmental Assessment Cincinnati www.hes.afrl.af.mil/hes t/toxconference.htm